

## Safety Data Sheet

according to Regulation (EU) No. 1907/2006

### LB 100 Flüssig

Print date : 17.06.2009

Product code : 100

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## 1. Identification of the substance/preparation and of the company/undertaking

### Identification of the substance or preparation

LB 100 Flüssig

### Use of the substance/preparation

Parting agent.

### Company/undertaking identification

Company name :	Jokisch GmbH	
Street :	Industriestraße 5	
Place :	DE-33813 Oerlinghausen	
Telephone :	++49(0)5202/9734-0	Telefax : ++49(0)5202/9734-49
Contact person :	Herr Sengenhoff	
e-mail :	info@jokisch-fluids.de	
Internet :	www.jokisch-fluids.de	
Inquiry office :	Herr Böer	
Emergency telephone :	++49 (0) 30 / 19240	

## 2. Hazards identification

### Classification

This preparation is not classified as dangerous according to Directive 1999/45/EC.

## 3. Composition/information on ingredients

Chemical characterization ( Mixture )

## 4. First aid measures

### After inhalation

Provide fresh air. Move victim to fresh air. Put victim at rest and keep warm.

### After contact with skin

After contact with skin, wash immediately with: Water. Change contaminated clothing.

### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

### After ingestion

If swallowed, immediately drink: Water. Move victim to fresh air. Put victim at rest and keep warm.

### Advice to doctor

Treat symptomatically.

## 5. Fire-fighting measures

### Suitable extinguishing media

Extinguishing materials should be selected according to the surrounding area. The product itself is not combustible.

### Special exposure hazards arising from substance or preparation itself, combustion products, resulting gases

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### Special protective equipment for fire-fighters

In case of fire: Wear self-contained breathing apparatus.

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#### Additional information

Contaminated fire-fighting water must be collected separately. Do not empty into drains or the aquatic environment. Extinguishing materials should be selected according to the surrounding area.

### 6. Accidental release measures

#### Personal precautions

See protective measures under point 7 and 8.

#### Environmental precautions

Do not empty into drains or the aquatic environment. Do not empty into drains or the aquatic environment. Prevent spreading over great surfaces (e.g. by damming or installing oil booms).

#### Methods for cleaning up/taking up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the assimilated material according to the section on waste disposal. Suitable absorbing material: sand, Universal binding agent. Treat the assimilated material according to the section on waste disposal. Clean contaminated objects and areas thoroughly observing environmental regulations.

### 7. Handling and storage

#### Handling

##### Advice on safe handling

Use only in well-ventilated areas.  
When using do not eat, drink or smoke.

##### Advice on protection against fire and explosion

Prevent access by unauthorised personnel.

##### Further information on handling

High slip hazard because of leaking or spilled product.

#### Storage

##### Requirements for storage rooms and vessels

Keep container tightly closed. Keep the packing dry and well sealed to prevent contamination and absorption of dampness.  
Recommended storage temperature: 5-40 °C  
Maximum period of storage (time): 1 Jahr

##### Advice on storage compatibility

Keep away from food, drink and animal feedingstuffs.  
Do not store with strong oxidizing agents.

##### Further information on storage conditions

te regulations relating to storage premises apply to workshops where the product is handled.  
Maximum period of storage (time):

Storageclass (VCI) : 12

### 8. Exposure controls/personal protection

#### Exposure limit values

#### Exposure limits (EH40)

CAS-No.	Chemical name	ml/m <sup>3</sup>	mg/m <sup>3</sup>	F/ml	Category	Origin
57-55-6	Propane-1,2-diol, particulates	-	10		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

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#### Exposure controls

##### **Protective and hygiene measures**

Change contaminated clothing. Wash hands before breaks and at the end of work. When using do not eat or drink. Use personal protection equipment as per Directive 89/686/EEC.

##### **Respiratory protection**

If technical suction or ventilation measures are not possible or are insufficient, protective breathing apparatus must be worn.

##### **Hand protection**

Protect skin by using skin protective cream.  
Wear protective gloves if advisable under safety aspects.  
Wash hands before breaks and at the end of work.  
Gloves of appropriate material (i.e. nitrilic rubber, specification: penetration time: level 6, >480 min., thickness 0,9-1 mm; CE-certified acc. EN 374 cat III)

##### **Eye protection**

Use glasses or face shield if there is a risk of splashing.

##### **Skin protection**

Chemical resistant safety shoes.  
Take off immediately all contaminated clothing.  
Thorough skin-cleansing after handling the product.  
Set out skin protection guidelines.

#### **9. Physical and chemical properties**

##### General information

Physical state : liquid  
Colour : red  
Odour : characteristic

##### Important health, safety and environmental information

pH-Value (at 20 °C) : 9,5      Test method: DIN 51369

##### **Changes in the physical state**

Density (at 20 °C) : 1,01 g/cm<sup>3</sup>      EN ISO 12185  
Viscosity / kinematic : 214 mm<sup>2</sup>/s      ASTM D 7042  
(at 20 °C)

#### **10. Stability and reactivity**

##### **Materials to avoid**

The following must be prevented: Oxidizing agents, strong. acid.

##### **Hazardous decomposition products**

Hazardous decomposition products: none / none

#### **11. Toxicological information**

##### **Acute toxicity**

after ingestion: LD50: > 2000mg/kg Rat.  
After skin contact: LD50: > 2000mg/kg Rat.  
following inhalation: LC50: > 5mg/1/4hRat.

##### **Additional information on tests**

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The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC). No risks worthy of mention. Practical experience. The statement is derived from the properties of the components. The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

## 12. Ecological information

### Ecotoxicity

According to the present state of knowledge negative ecological effects are not expected.

### Mobility

in delivery condition: liquid

### Persistence and degradability

Product is biodegradable.

### Further information

According to the present state of knowledge negative ecological effects are not expected. The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

## 13. Disposal considerations

### Advice on disposal

Do not empty into drains or the aquatic environment. Waste disposal according to official state regulations. Completely emptied packings can be re-cycled. Waste disposal according to official state regulations.

### Waste disposal number of used product

120199 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS; wastes from shaping and physical and mechanical surface treatment of metals and plastics; wastes not otherwise specified

### Contaminated packaging

Water (with cleaning agent). Completely emptied packings can be re-cycled.

## 14. Transport information

### Land transport (ADR/RID)

#### Other applicable information (land transport)

Not restricted

### Inland waterways transport

#### Other applicable information (inland waterways transport)

Not restricted

### Marine transport

#### Other applicable information (marine transport)

Not restricted

### Air transport

#### Other applicable information (air transport)

Not restricted

## 15. Regulatory information

### Labelling

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#### **Hazardous component(s) to be indicated on label**

Product does not require special labelling according to Directive 67/548/EEC.

#### **EU regulatory information**

1999/13/EC (VOC) : 3,82 % (39,193 g/l)

#### **National regulatory information**

Water contaminating class (D) : 1 - slightly water contaminating

#### **16. Other information**

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*